

Lead Strategy For Eliminating Childhood Lead Poisoning by 2010

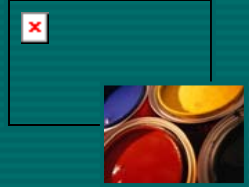
Eliminating
Childhood Lead
Poisoning :
*A Federal Strategy
Targeting Lead Paint
Hazards*



Presented by:

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EPA Region 8 Lead Coordinator*

President's Taskforce on Environmental Health Risks and Safety Risks to Children




Lead Strategy For
Eliminating Childhood
Lead Poisoning by 2010

- February 2000
- Includes
 - Describes how lead poisoning harms children,
 - How pervasive lead poisoning is and,
 - How lead poisoning can be eliminated in 10 years

Recommendations

Key to a successful lead hazard control strategies



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- Act before children are poisoned
- Identify and care for lead poisoned children
- Conduct research
- Measure progress and refine lead poisoning prevention strategies

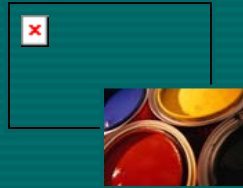
The Lead Problem



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- Lead is highly toxic
- Approximately 434,000 U.S. children aged 1-5 years have blood lead levels greater than the CDC recommended level of 10 micrograms of lead per deciliter of blood.
- Lead poisoning can cause learning disabilities, behavioral problems, and, at very high levels, seizures, coma, and even death.

Lead Exposure

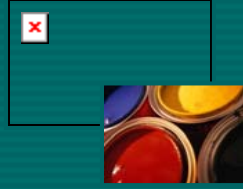


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Research suggests that the primary sources of lead exposure for most children are:

- deteriorating lead-based paint,
- lead contaminated dust, and
- lead contaminated residential soil.

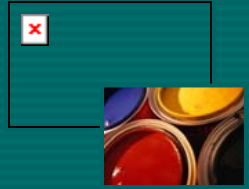
Strategy Goals



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1. By 2010 eliminate lead paint hazards in housing where children under six live,
2. Eliminate elevated blood levels in children by 2010.

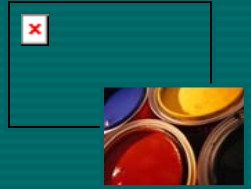
Federal Agencies Who Have a Strategic Role



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- Department of Housing and Urban Development (HUD)
- Department of Health and Human Services (HHS)
- Environmental Protection Agency (EPA)
- Department of Justice (DOJ)
- Consumer Product Safety Commission (CPSC)
- Occupational Safety and Health Administration (OSHA)
- Department of Treasury
- Department of Energy
- Department of Defense

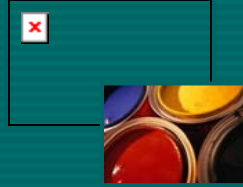
Facts Lead Paint Hazards in Housing



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- 60% of the Nation's housing stock has lead
 - 4.4% of children under six have elevated blood lead levels. *Now 2.2%.*
- Between 86-95% of lead paint in such housing is contained in housing built before 1960.

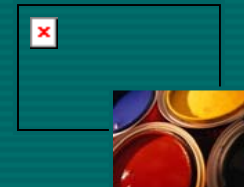
EPA's Role



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- The Agency's Lead Awareness Program works to protect human health and the environment against the dangers of lead by developing regulations, conducting research, and designing educational outreach efforts and materials.

Regulations Administered and Enforced



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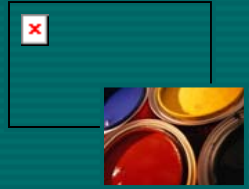
- National Lead Laboratory Accreditation Program (405(b)):

- Establishes protocols, criteria, and minimum performance standards for laboratory analysis of lead in paint, dust, and soil.

- Hazard Standards for Lead in Paint, Dust, and Soil (403):

- Establishes standards for lead-based paint hazards and lead dust cleanup levels in most pre-1978 housing and child-occupied facilities.

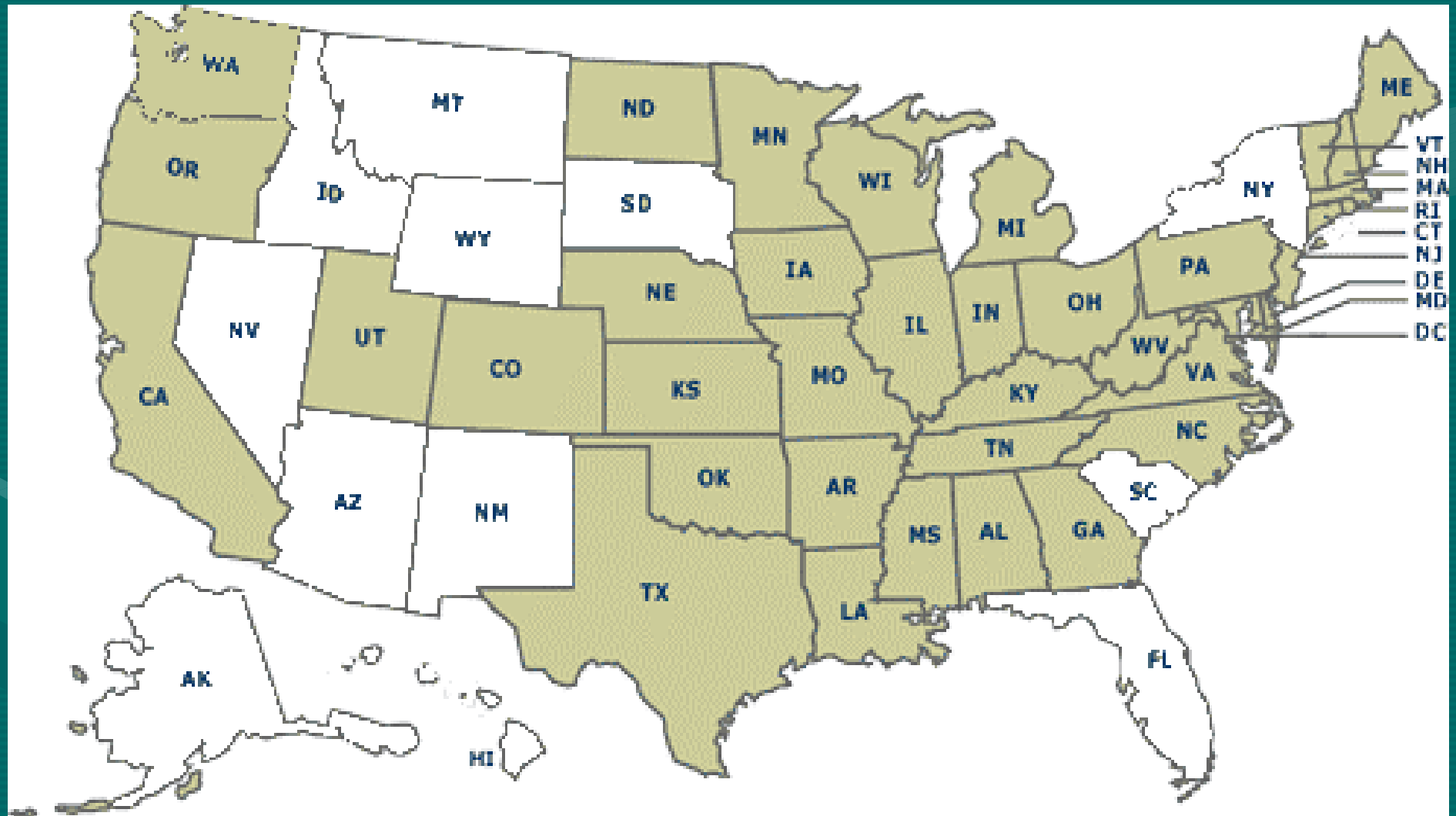
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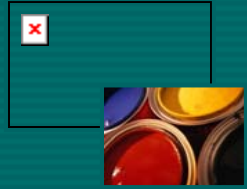
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- Training & Certification Program for Lead-Based Paint Activities (402/404):
 - Ensures that individuals conducting lead-based paint abatement, risk assessment, or inspection are properly trained and certified, that training programs are accredited, and that these activities are conducted according to reliable, effective and safe work practice standards.

Authorized States



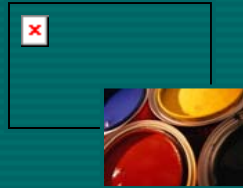
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- **Pre-Renovation Education Rule (406(b)):**
 - Ensures that owners and occupants of most pre-1978 housing are provided information concerning potential hazards of lead-based paint exposure before certain renovations are begun on that housing.
- **Disclosure Rule (1018):**
 - Requires disclosure of known lead-based paint and/or lead-based paint hazards by persons selling or leasing housing constructed before the phase out of residential lead-based paint use in 1978.

Regulations Administered and Enforced

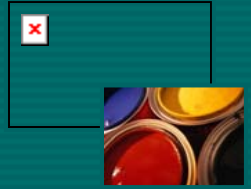


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- Lead-Based Paint Debris Disposal:



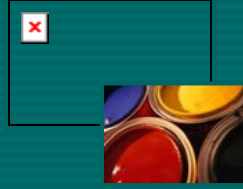
Regulations Under Development



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- Standards for Renovation Activities in Homes with Lead-Based Paint (402(c)):
- Buildings and Structures Training and Certification (402):
- TSCA and RCRA Proposed Rulemakings for Lead-Based Paint Debris Disposal:

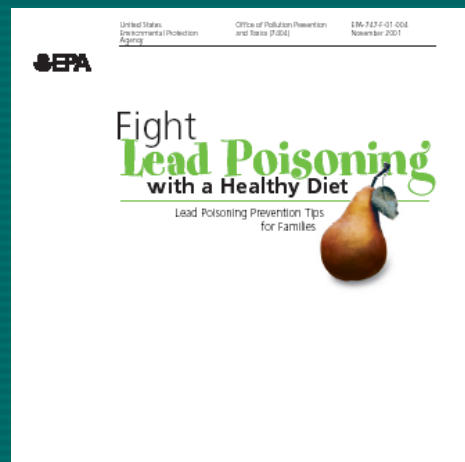
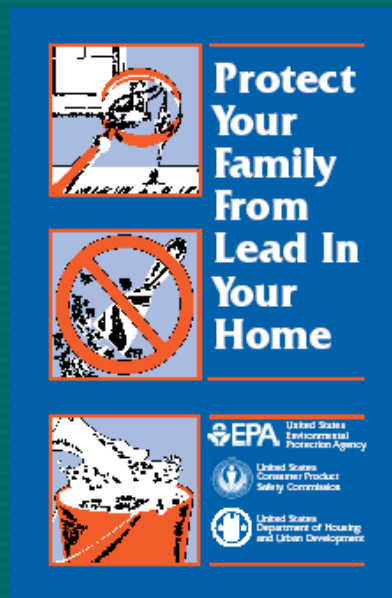
Other Activities



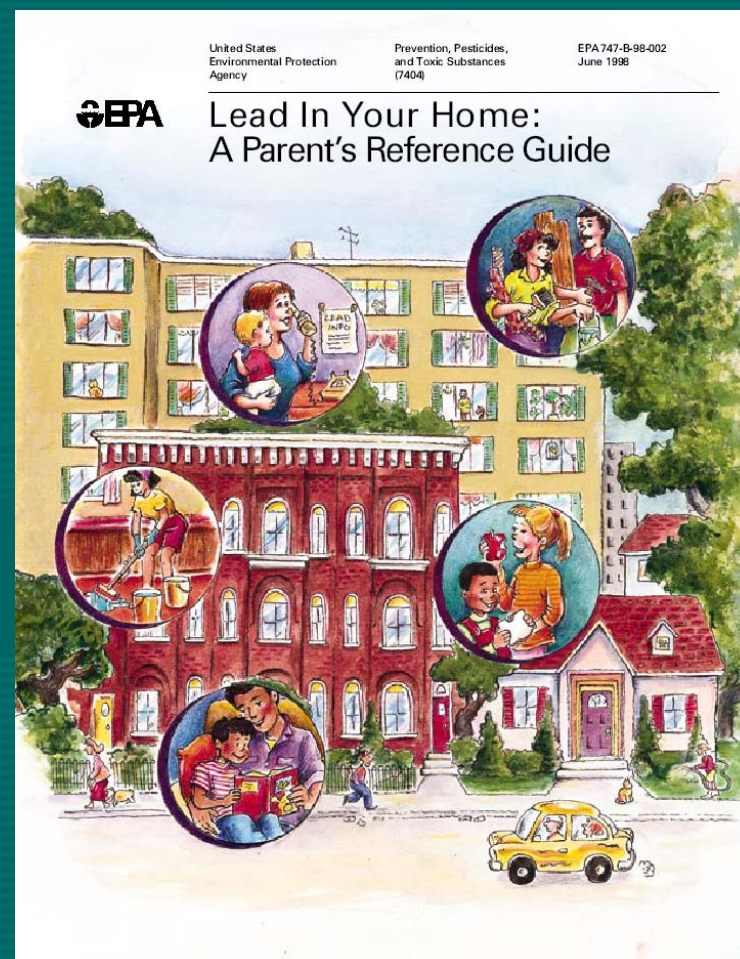
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- Administer Grants
- Provide Outreach and Education
- Provide Compliance Assistance

Brochures



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Special Event Dedication of Lead-Safe House



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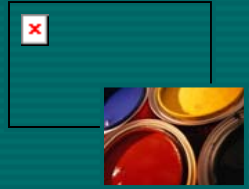
Lead Mural Project – Denver, CO



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Additional EPA Offices



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- Office of Air and Radiation
- Office of Children's Health Protection
- Office of Enforcement and Compliance Assurance
- Office of Indoor Air Quality
- Office of Pesticides Programs
- Office of Solid Waste and Emergency Response
- Office of Water

For More Information

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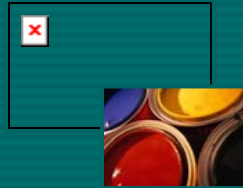
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*For General
Information on
Lead: Call*

1-800-424-LEAD

Or visit

www.epa.gov/lead